

Work Order ID 116364

116364

Page 1

April-14-14 10:18:04 AM

Item ID: D350-636-215

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Deluxe Skidtube LH Aerazur / Apical Cylindrical Float Compatible

Start Date: 4/14/14 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 4/14/14 Req'd Qty: 1.00 *1*

Customer:

Reference: USED FOR PHOTO SHOOT - RESTOCK

Approvals: Process Plan: ✓ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D350-636	J

100 Document Control

0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPPD350-636-215 CHG005 ✓

MCS 14-04-15

NEW PARTS

* AN3 C-6A / M128769 (x4)

~~AN 8C21A / M1322169 (x2)~~

NAS1149C033213 / M137262 (x4)

~~NAS1149D08635 / M125484 (x2)~~

NAS1515-H3K1 M130726

~~D350-636-101 / B121273~~

B116364

- D350-636-105A / B107352 (1x)

D350-636-109 / B134522 (x)

Work Order ID 116364

April-14-14 10:18:04 AM

116364

11/15/58

Page 2

Item ID: D350-636-215 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Deluxe Skidtube LH Aerazur / Apical Cylindrical Float Compatible
 Start Date: 4/14/14 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 4/14/14 Req'd Qty: 1.00 ***1*** Customer:
 Reference: USED FOR PHOTO SHOOT - RESTOCK

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

105

105

Packaging

Packaging

Memo

PULL FROM PHOTO SHOOT:
1 X D350-636-215 B106954

VERIFY KIT PER ATTACHED IIN
RECORD ANY PARTS THAT NEED TO BE ADDED TO KIT IF
APPLICABLE:

Fix SCRATCHES & DEFECTS WITH TOUCH-UP PAINT AS REQUIRED

DAS
27
9-89

OCT 13 2015

CR 14-06-09

*missing pick kit in

D350-636-015 : ADD
 AN3C42A x 1 B131854 MS21083C8 x 2 B133016
 AN3C37A x 1 B129687 NAS1149 D08625T x 2 B125208
 D3193-1 x 2 B128755
 AN8C21A x 2 B132381

APRIL 23 2014

AN3C42A x 1
AN3C37A x 1

B074141 B13166

115

115

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

REINSPECT KIT

DAS
28
9-89

OCT 21 2015

Work Order ID 116364

116364

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April-14-14 10:18:04 AM

Item ID: D350-636-215 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Deluxe Skidtube LH Aerazur / Apical Cylindrical Float Compatible
 Start Date: 4/14/14 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 4/14/14 Req'd Qty: 1.00 *1* Customer:
 Reference: USED FOR PHOTO SHOOT - RESTOCK

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150		0.00							
150									
Packaging	Memo	0.00							
Packaging	REPACKAGE PER PPP USING NEW B/N NEW LABELS REQ'D Identify and pack for shipping as per PPP D350-636-215 Location: <u>FG072</u> PPP rev: _____								
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

IX^{DAS} 27^{DAS} 28
9-89 9-89
OCT 2 1 2015

~~ML5~~ ~~OCT 2 1 2015~~
ML5 OCT 2 9 2015

SJA 2015 10 20

Picklist Print

Wednesday, October 07, 2015 10:42:28 AM

Page 1

Work Order ID: 116364

116364

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH, Run-on Landing, DART(Apical) Cylindrical/Aerazur Float Comp.

Start Date: 4/14/2014

Required Date: 4/14/2014

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.10.04 new issue DD verf:EC
11.04.14 ecn11-553 DD verf:EC
AS PER ECN 12-542 DD verf:EC

IPP Rev:B

IPP Rev:C 112.04.16

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN3C37A

Purchased

No

Each

477.0000

1

AN3C37A

BOLT

Location

Loc Qty

Loc Code

ST338a

476

131651

70

M128773

1

M129650

55

M131367

70

M131856

70

M132169

70

M132381

70

M132522

70

ST347

1

129687

1

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

D4154-041 x 1 B 106716

was removed for sales order, replace when available

D 4154-041 x 1 B

mr

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
☐ OTHER : _____					

Picklist Print

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Page 2

Work Order ID: 116364

116364

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH, Run-on Landing, DART(Apical) Cylindrical/Aerazur Float
Comp.

Start Date: 4/14/2014

Required Date: 4/14/2014

AN3C42A

Purchased

No

Each

76.0000

Start Qty: 1.00

Required Qty: 1.00

1

AN3C42A

Bolt

DAS

27

8-89

DAS

8-89

Location

Loc Qty

Loc Code

FG

5

121103

5

ST338a

52

m130485

3

m131856

10

m132381

9

m132522

10

m132674

10

m133091

10

ST346

19

m131854

9

m131855

10

7

AN3C6A

Purchased

No

Each

107.0000

4

AN3C6A

Bolt

Location

Loc Qty

Loc Code

CA

39

m128704

39

FG

10

122416

10

ST338a

54

m128769

38

m133077

16

ST349

4

m132767

4

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____			

Picklist Print

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Work Order ID: 116364

116364

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH, Run-on Landing, DART(Apical) Cylindrical/Aerazur Float Comp.

Start Date: 4/14/2014

Required Date: 4/14/2014

AN8C21A

Purchased

No

Each

72.0000

Start Qty: 1.00

2

Required Qty: 1.00

AN8C21A

Bolt

Location

Loc Qty

Loc Code

FG	4	
123966	2	
m132169	2	
ST273A	20	
m132381	20	
ST312A	41	
m132542	11	
m132674	30	
ST332	7	
m131100	1	
m132169	2	
m132522	4	

DAS
27
9-89



DAS
28
9-89

DAS
28
9-89

2

D2741

Manufactured

No

Each

34.0000

1

D2741

Replacement Blade

Location

Loc Qty

Loc Code

FG	10	
131616	10	
FP001	1	
132981	1	
ST538	23	
131616	6	
132981	17	

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

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Work Order ID: 116364

116364

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH, Run-on Landing, DART(Apical) Cylindrical/Aerazur Float Comp.

Start Date: 4/14/2014

Required Date: 4/14/2014

D3493-1 Manufactured No

Each

35.0000

Start Qty: 1.00

2

Required Qty: 1.00

D3493-1

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

FG

10

97201

10

ST039

25

128755

25

Each

10.0000

D350-636-101

Manufactured No

D350-636-101

Toe Step, Fits LH or RH

Location

Loc Qty

Loc Code

FG120

10

128092

10

Each

5.0000

D350-636-105A

Manufactured No

D350-636-105A

Wedge, DART (Apical) Float Compatible, Fits LH or RH

Location

Loc Qty

Loc Code

FG

3

107352

1

77147

1

91613

1

FG120A

2

107352

2

DAS
27
9-89



DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐			

Picklist Print

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Work Order ID: 116364

116364

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH, Run-on Landing, DART(Apical) Cylindrical/Aerazur Float Comp.

Start Date: 4/14/2014

Required Date: 4/14/2014

D350-636-109

Manufactured No

Each

3.0000

Start Qty: 1.00

Required Qty: 1.00

1

D350-636-109

Tow Ring, Fits LH or RH

Location

Loc Qty

Loc Code

FG

1

134637

1

PKG12

2

134522

2

D350-636-215

Manufactured No

Each

5.0000

1

D350-636-215

Deluxe Skidtube LH, Run-on Landing, DART(Apical) Cylindrical/Aerazur Float Comp.

Location

Loc Qty

Loc Code

FG

4

106528

1

106529

1

106953

1

106955

1

FG072

1

106952

1

MS21083C8

Purchased

No

Each

49.0000

2

MS21083C8

Nut

Location

Loc Qty

Loc Code

ST300

49

m132067

2

m133016

27

m133134

20

DAS

28

9-89

DAS
6
9-89

DAS
27
9-89

D

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

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Work Order ID: 116364

116364

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH, Run-on Landing, DART(Apical) Cylindrical/Aerazur Float Comp.

Start Date: 4/14/2014

Required Date: 4/14/2014

NAS1149C0332R

Purchased

No

Each

Start Qty: 1.00
5,758.000

4

Required Qty: 1.00

NAS1149C0332R

WASHER

Location

Loc Qty

Loc Code

FP001

1004

m132930

1004

FP01

1871

m133284

1871

GA

441

m133284

441

ST271

2442

m133284

2442

NAS1149D0863J

Purchased

No

Each

604.0000

2

NAS1149D0863J

Washer

Location

Loc Qty

Loc Code

FP001

51

125484

51

ST260a

415

125268

315

125635

100

ST269

138

125268

138

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

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Work Order ID: 116364

116364

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH, Run-on Landing, DART(Apical) Cylindrical/Aerazur Float
Comp.

Start Date: 4/14/2014

Required Date: 4/14/2014

NAS1515H3L

Purchased

No

Each

Start Qty: 1.00
291.0000

4

Required Qty: 1.00

***NAS1515H3I ***

Washer

Location

Loc Qty

Loc Code

FG

40

102472

40

FP001

55

m127831

55

ST266

196

m127831

40

m130726

156

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		☐ OTHER : _____							

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106954

Page 1

Accept

N900040100

Setup Start *NS1*

Item Name: Deluxe Skidtube LH Aerazur / Apical Cylindrical Float Compatible

Stop *NS2*

Start Date: 9/11/2013 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 9/18/2013 **Req'd Qty:** 1.00 *** 1 ***

Customer:

Reference:

Approvals: Process Plan: Date: 13-09-11 Tooling: Date:
QC: Date: SPC (Y/N): Date:

Run	Start	*NR1*
	Stop	*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D350-636	J

100

0.00

100

DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPPD350-636-215 CHG005

DAS
31
9-89

110

Assemble as per dwg

0.00

110

HandFinish

Hand Finishing

Memo

0.00

1- Drill, c'sink blade as per dwg and Assemble Toe kit, Wedge kit and Tow ring kit to D350-636-015 as per IIN-D350-636 page:15-16-17-20

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Quality Control

Memo

0.00

B 10695 4 LH

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data ☐											
Equip/Tooling ☐											
Operator ☐											
Material ☐											
Setup ☐											
Other ☐											
Process ☐											
Supplier ☐											
Training ☐											
Unapproved ☐											

FAULT CATEGORY				
Landing Gear ☐ Bending ☐ Centre Not Concentric to O/S ☐ Cracks ☐ Crushed/Crimped ☐ Cuffs ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Ripples in Bend ☐ Torque Waves in Extrusion ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damaged ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drill Holes ☐ Drawing ☐ Finish ☐ Folio	☐ Grain ☐ Hardware ☐ Inspection Incomplete ☐ Instructions Incomplete/Unclear ☐ Maintenance ☐ Mislabeled ☐ Misread ☐ Offset ☐ Out of Calibration ☐ Out of Sequence ☐ Outside Dimensions	☐ Ovalized ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge	☐ Pressure/Forced ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Work Order ID 106954

Wednesday, September 11, 2013 1:20:40 PM

106954

Page 2

Item ID: D350-636-215

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Deluxe Skidtube LH Aerazur / Apical Cylindrical Float Compatible

Stop

NS2Start Date: 9/11/2013 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 9/18/2013 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150		0.00							
150									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-636-215								
	Location: <u>602</u>								
	PPP rev: _____								
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

**DAS
6
9-00****MAR 05 2014**11-03-611-03-6

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
☐ Bending	☐ Bend	☐ Grain
☐ Centre Not Concentric to O/S	☐ BOM/Route	☐ Hardware
☐ Cracks	☐ Broken/Damaged	☐ Inspection Incomplete
☐ Crushed/Crimped	☐ Burrs	☐ Instructions Incomplete/Unclear
☐ Cuffs	☐ Contamination	☐ Maintenance
☐ Heat Treat	☐ Countersink	☐ Misabeled
☐ Inspection Strip in Tube	☐ Cut Too Short	☐ Misread
☐ Ripples in Bend	☐ Drill Holes	☐ Offset
☐ Torque Waves in Extrusion	☐ Drawing	☐ Out of Calibration
☐ Turning Sequence	☐ Finish	☐ Out of Sequence
☐ Wave/Twist in Tube	☐ Folio	☐ Outside Dimensions
		☐ Ovalized
		☐ Over/Under tolerance
		☐ Part Incorrect
		☐ Part Lost/Missing
		☐ Part Moved
		☐ Positioned Wrong
		☐ Power Loss/Surge
		☐ Pressure/Forced
		☐ Temperature/Cure
		☐ Weld
		☐ Wrong Stock Pulled
		☐ Other

Picklist Print

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Page 1

Work Order ID: 106954

106954

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH Aerazur / Apical Cylindrical Float Compatible

Start Date: 9/11/2013

Required Date: 9/18/2013

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.10.04 new issue DD verf:EC
11.04.14 ecn11-553 DD verf:EC
AS PER ECN 12-542 DD verf:EC

IPP Rev:B
IPP Rev:C 112.04.16

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-636-015		Manufactured	No			110	Each	1.0000	1	1			
D350-636-015									**				
Skidtube LH Run-On Landing Wearplates Aerazur / Apical Cylindrical Float Compatible													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		1							
					104498	1							
D350-636-101		Manufactured	No			110	Each	8.0000	1	1			
D350-636-101									**				
Toe Step													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST197		8		B107229		x1			
					95025	8							
D350-636-105A		Manufactured	No			110	Each	7.5000	0.5	0.5			
D350-636-105A									**				
Wedge, Apical Float Compatible													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		2		B106866		x1			
					77147	2							
				FG120		5.5							
					71604	0.5							
					77147	1							
					87576	1							
					89325	1							
					91613	2							

B111270 (11) all 11/02/13

all 11/02/13

all 11/02/13

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
☐ Bending	☐ Bend	☐ Grain
☐ Centre Not Concentric to O/S	☐ BOM/Route	☐ Hardware
☐ Cracks	☐ Broken/Damaged	☐ Inspection Incomplete
☐ Crushed/Crimped	☐ Burrs	☐ Instructions Incomplete/Unclear
☐ Cuffs	☐ Contamination	☐ Maintenance
☐ Heat Treat	☐ Countersink	☐ Misabeled
☐ Inspection Strip in Tube	☐ Cut Too Short	☐ Misread
☐ Ripples in Bend	☐ Drill Holes	☐ Offset
☐ Torque Waves in Extrusion	☐ Drawing	☐ Out of Calibration
☐ Turning Sequence	☐ Finish	☐ Out of Sequence
☐ Wave/Twist in Tube	☐ Folio	☐ Outside Dimensions
		☐ Ovalized
		☐ Over/Under tolerance
		☐ Part Incorrect
		☐ Part Lost/Missing
		☐ Part Moved
		☐ Positioned Wrong
		☐ Power Loss/Surge
		☐ Pressure/Forced
		☐ Temperature/Cure
		☐ Weld
		☐ Wrong Stock Pulled
		☐ Other

Picklist Print

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Page 2

Work Order ID: 106954

106954

Parent Item: D350-636-215

D350-636-215

Parent Item Name: Deluxe Skidtube LH Aerazur / Apical Cylindrical Float Compatible

Start Date: 9/11/2013

Required Date: 9/18/2013

Start Qty: 1.00

Required Qty: 1.00

D350-636-109

Manufactured No

110

Each

2.0000

1

1

D350-636-109

**

Tow Ring

ll mod 25

Location

Loc Qty

Loc Code

FG120

2

B112818

91641

1

94772

1

xl

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Shop Packet Print

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9.0 PARTS LIST (D350-636-215/-216/-217/-218 KITS)

Item	Qty -215	Qty -216	Qty -217	Qty -218	Part Number	Description
	X				D350-636-215	SKIDTUBE INSTALLATION, LH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE DELUXE
		X			D350-636-216	SKIDTUBE INSTALLATION, RH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE DELUXE
			X		D350-636-217	SKIDTUBE INSTALLATION, LH AIRCUISE/ APICAL TRI-BAG FLOAT COMPATIBLE DELUXE
				X	D350-636-218	SKIDTUBE INSTALLATION, RH AIRCUISE/ APICAL TRI-BAG FLOAT COMPATIBLE DELUXE
	1				D350-636-015	SKIDTUBE INSTALLATION, LH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
		1			D350-636-016	SKIDTUBE INSTALLATION, RH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
			1		D350-636-017	SKIDTUBE INSTALLATION, LH AIRCUISE/ APICAL TRI-BAG FLOAT COMPATIBLE
				1	D350-636-018	SKIDTUBE INSTALLATION, RH AIRCUISE/ APICAL TRI-BAG FLOAT COMPATIBLE
	1	1	1	1	D350-636-101	TOE STEP KIT (LH/RH)
	1	1	1	1	D350-636-105A	WEDGE KIT
	1	1	1	1	D350-636-109	TOW RING KIT

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Revision: J

Date: 13.03.01